

# Global Automobile ABS Wheel Speed Sensor Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Automobile ABS Wheel Speed Sensor market size is expected to reach \$ 4644 million by 2032, rising at a market growth of 7.1% CAGR during the forecast period (2026-2032).

The wheel speed sensor for automotive ABS is a core component of the anti-lock braking system (ABS). It monitors wheel speed in real time using electromagnetic or Hall effect signals, transmitting the signal to the ECU to dynamically adjust braking pressure, preventing wheel lock-up and ensuring directional stability and handling during braking.

The upstream of the automotive ABS wheel speed sensor industry chain mainly consists of raw material and component suppliers, including magnetic cores (ferrite, neodymium iron boron), induction coil enameled wire, Hall effect chips (STMicroelectronics, Infineon), engineering plastics (BASF, DuPont), and metal housings. Downstream direct customers are OEMs (Volkswagen, Toyota, Geely, etc.) and the aftermarket (dealers, repair chains), ultimately applied to automotive ABS/ESP systems and repair/replacement scenarios.

In 2025, the global automotive ABS wheel speed sensor market had an average price of \$5.25 per unit, with sales of approximately 530 million units and a global annual production capacity of approximately 540 million units. The industry's gross profit margin ranged from 18% to 35%.

This report studies the global Automobile ABS Wheel Speed Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automobile ABS Wheel Speed Sensor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automobile ABS Wheel Speed Sensor that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Automobile ABS Wheel Speed Sensor total production and demand, 2021-2032, (K Units)

Global Automobile ABS Wheel Speed Sensor total production value, 2021-2032, (USD Million)

Global Automobile ABS Wheel Speed Sensor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Automobile ABS Wheel Speed Sensor consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Automobile ABS Wheel Speed Sensor domestic production, consumption, key domestic manufacturers and share

Global Automobile ABS Wheel Speed Sensor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Automobile ABS Wheel Speed Sensor production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Automobile ABS Wheel Speed Sensor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Automobile ABS Wheel Speed Sensor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Wabco, Delphi, Hella, Continental, FAE, Hitachi Automotive Systems, TE Connectivity, Apec Automotive, Standard Motor

Products, Knorr-Bremse, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automobile ABS Wheel Speed Sensor market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Automobile ABS Wheel Speed Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automobile ABS Wheel Speed Sensor Market, Segmentation by Type:

Passive ABS Sensors

Active ABS Sensors

Global Automobile ABS Wheel Speed Sensor Market, Segmentation by Target Wheel:

Gear Type

Magnetic Encoder Type

Global Automobile ABS Wheel Speed Sensor Market, Segmentation by Output Signal:

Analog Output

Digital Output

Global Automobile ABS Wheel Speed Sensor Market, Segmentation by Application:

Passenger Vehicles

Commercial Vehicles

Companies Profiled:

Wabco

Delphi

Hella

Continental

FAE

Hitachi Automotive Systems

TE Connectivity

Apec Automotive

Standard Motor Products

Knorr-Bremse

Hyundai Mobis

Bosch

Wanxiang

Kesens

Mando

Guangzhou Sivco

TRW Automotive

Kormee

Dongfeng Electronic

### **Key Questions Answered:**

1. How big is the global Automobile ABS Wheel Speed Sensor market?
2. What is the demand of the global Automobile ABS Wheel Speed Sensor market?
3. What is the year over year growth of the global Automobile ABS Wheel Speed Sensor market?
4. What is the production and production value of the global Automobile ABS Wheel Speed Sensor market?
5. Who are the key producers in the global Automobile ABS Wheel Speed Sensor market?
6. What are the growth factors driving the market demand?

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